6/28/83
A8050-1

June 21, 1983

press release

FOR RELEASE A.M. MONDAY, June 27, 1983

McLean, VA, June 21, 1983 -- Net new orders for U.S. machine tools gained 14% in May compared to the previous month, according to data released today by the National Machine Tool Builders' Association. The monthly order total of $135,450,000 also represented a 28% increase over May of a year ago. However, industry shipments continued to decline, dropping 10% from April to $135,850,000.

Year to date, orders for metal-cutting and metal-forming machine tools were reported down 26% compared to the first five months of 1982 at $568,850,000, while shipments were off 56% at $774,100,000.

"The machine tool industry is still a long way from recovery," said Association President James A. Gray. "While it is encouraging to see new orders on the upturn, we're suffering the full impact of plummeting shipments from last year's lack of orders."

(over)

Contact:
Charles Pollock

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"Also encouraging," Gray said, "is the current strong performance of the economy. But since our industry lags several months behind others when business does pick up, we may not feel the full effect for some time -- and that assumes the recovery keeps going."

For the month of May, metal-cutting machine tool orders rose 18% to a level of $93,750,000. Shipments in the category declined 13% to a total of $98,800,000.

Net new orders in the metal-forming category rose 6% for the month, totaling $41,700,000, while shipments of metal-forming machine tools dropped 2% at $37,050,000 for the period.

# # # # #

COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS
(Thousands of Dollars)

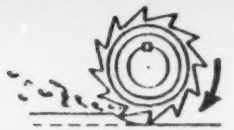
	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
May 1983	88,350	5,400	93,750	37,900	3,800	41,700	126,250	9,200	135,450
April 1983	73,650	5,600	79,250	37,400	1,900	39,300	111,050	7,500	118,550
% Change									
May 1983:Apr. 1983	+20.0	-3.6	+18.3	+1.3	+100.0	+6.1	+13.7	+22.7	+14.3
May 1982	53,750	14,250	68,000	27,400	10,550	37,950	81,150	24,800	105,950
% Change									
May 1983:May 1982	+64.4	-62.1	+37.9	+38.3	-64.0	+9.9	+55.6	-62.9	+27.8
Year To Date 1983	367,850	29,250	397,100	155,000	16,750	171,750	522,850	46,000	568,850
Year To Date 1982	489,700	78,250	567,950	161,250	34,350	195,600	650,950	112,600	763,550
% Change									
1983 : 1982	-24.9	-62.6	-30.1	-3.9	-51.2	-12.2	-19.7	-59.1	-25.5

SHIPMENTS -- MACHINE TOOLS
(Thousands of Dollars)

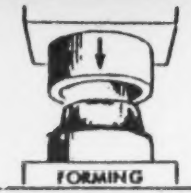
	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
May 1983	88,600	10,200	98,800	35,050	2,000	37,050	123,650	12,200	135,850
April 1983	100,550	12,400	112,950	35,000	2,850	37,850	135,550	15,250	150,800
% Change									
May 1983:Apr. 1983	-11.9	-17.7	-12.5	+0.1	-29.8	-2.1	-8.8	-20.0	-9.9
May 1982	224,150	22,450	246,600	44,900	4,350	49,250	269,050	26,800	295,850
% Change									
May 1983:May 1982	-60.5	-54.6	-59.9	-21.9	-54.0	-24.8	-54.0	-54.5	-54.1
Year To Date 1983	518,950	63,400	582,350	171,050	20,700	191,750	690,000	84,100	774,100
Year To Date 1982	1,300,050	119,050	1,419,100	281,450	52,950	334,400	1,581,500	172,000	1,753,500
% Change									
1983 : 1982	-60.1	-46.7	-59.0	-39.2	-60.9	-42.7	-56.4	-51.1	-55.9

Source: National Machine Tool Builders' Association

Form No. PRCC-2



TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog



DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1983							
Jan.	$ 80,300,000	$ 11,550,000	$ 91,850,000	1,132.60	$ 131,450,000	$ 21,400,000	$ 152,850,000
Feb.	$ 88,250,000	$ 9,250,000	$ 97,500,000	1,071.75	$ 143,250,000	$ 15,100,000	$ 158,350,000
Mar.	$ 117,000,000	$ 8,500,000	$ 125,500,000	1,021.00	$ 156,100,000	$ 20,150,000	$ 176,250,000
Apr.	$ 111,050,000	$ 7,500,000	$ 118,550,000	988.75	$ 135,550,000	$ 15,250,000	$ 150,800,000
May (p)	$ 126,250,000	$ 9,200,000	$ 135,450,000	988.35	$ 123,650,000	$ 12,200,000	$ 135,850,000
5 Mos.	$ 522,850,000	$ 46,000,000	$ 568,850,000		$ 690,000,000	$ 84,100,000	$ 774,100,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1983						
Jan.	$ 93,450,000	$ 12,500,000	$ 105,950,000	$ 13,150,000	$ 950,000	$ 14,100,000
Feb.	$ 98,600,000	$ 9,900,000	$ 108,500,000	$ 10,350,000	$ 650,000	$ 11,000,000
Mar.	$ 128,400,000	$ 10,200,000	$ 138,600,000	$ 11,400,000	$ 1,700,000	$ 13,100,000
Apr.	$ 128,250,000	$ 9,250,000	$ 137,500,000	$ 17,200,000	$ 1,750,000	$ 18,950,000
May (p)	$ 133,100,000	$ 10,250,000	$ 143,350,000	$ 6,850,000	$ 1,050,000	$ 7,900,000
5 Mos.	$ 581,800,000	$ 52,100,000	$ 633,900,000	$ 58,950,000	$ 6,100,000	$ 65,050,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

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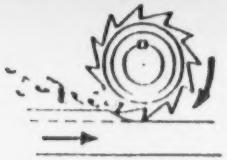


INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS Domestic	NET NEW ORDERS Foreign	NET NEW ORDERS Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	SHIPMENTS Foreign	SHIPMENTS Total
1983							
Jan.	$ 51,350,000	$ 5,700,000	$ 57,050,000	992.65	$ 93,400,000	$ 14,000,000	$ 107,400,000
Feb.	$ 69,550,000	$ 7,850,000	$ 77,400,000	941.25	$ 116,700,000	$ 12,100,000	$ 128,800,000
Mar.	$ 84,950,000	$ 4,700,000	$ 89,650,000	896.50	$ 119,700,000	$ 14,700,000	$ 134,400,000
Apr.	$ 73,650,000	$ 5,600,000	$ 79,250,000	862.80	$ 100,550,000	$ 12,400,000	$ 112,950,000
May (p)	$ 88,350,000	$ 5,400,000	$ 93,750,000	857.75	$ 88,600,000	$ 10,200,000	$ 98,800,000
5 Mos.	$ 367,850,000	$ 29,250,000	$ 397,100,000		$ 518,950,000	$ 63,400,000	$ 582,350,000

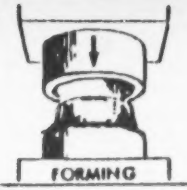
DATE	GROSS NEW ORDERS Domestic	GROSS NEW ORDERS Foreign	GROSS NEW ORDERS Total	CANCELLATIONS Domestic	CANCELLATIONS Foreign	CANCELLATIONS Total
1983						
Jan.	$ 62,750,000	$ 6,050,000	$ 68,800,000	$ 11,400,000	$ 350,000	$ 11,750,000
Feb.	$ 78,300,000	$ 8,450,000	$ 86,750,000	$ 8,750,000	$ 600,000	$ 9,350,000
Mar.	$ 95,900,000	$ 6,350,000	$ 102,250,000	$ 10,950,000	$ 1,650,000	$ 12,600,000
Apr.	$ 88,200,000	$ 7,300,000	$ 95,500,000	$ 14,550,000	$ 1,700,000	$ 16,250,000
May (p)	$ 94,750,000	$ 6,000,000	$ 100,750,000	$ 6,400,000	$ 600,000	$ 7,000,000
5 Mos.	$ 419,900,000	$ 34,150,000	$ 454,050,000	$ 52,050,000	$ 4,900,000	$ 56,950,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE.
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog



DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1983							
Jan.	$ 28,950,000	$ 5,850,000	$ 34,800,000	139.95	$ 38,050,000	$ 7,400,000	$ 45,450,000
Feb.	$ 18,700,000	$ 1,400,000	$ 20,100,000	130.50	$ 26,550,000	$ 3,000,000	$ 29,550,000
Mar.	$ 32,050,000	$ 3,800,000	$ 35,850,000	124.50	$ 36,400,000	$ 5,450,000	$ 41,850,000
Apr.	$ 37,400,000	$ 1,900,000	$ 39,300,000	125.95	$ 35,000,000	$ 2,850,000	$ 37,850,000
May (p)	$ 37,900,000	$ 3,800,000	$ 41,700,000	130.60	$ 35,050,000	$ 2,000,000	$ 37,050,000
5 Mos.	$ 155,000,000	$ 16,750,000	$ 171,750,000		$ 171,050,000	$ 20,700,000	$ 191,750,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1983						
Jan.	$ 30,700,000	$ 6,450,000	$ 37,150,000	$ 1,750,000	$ 600,000	$ 2,350,000
Feb.	$ 20,300,000	$ 1,450,000	$ 21,750,000	$ 1,600,000	$ 50,000	$ 1,650,000
Mar.	$ 32,500,000	$ 3,850,000	$ 36,350,000	$ 450,000	$ 50,000	$ 500,000
Apr.	$ 40,050,000	$ 1,950,000	$ 42,000,000	$ 2,650,000	$ 50,000	$ 2,700,000
May (p)	$ 38,350,000	$ 4,250,000	$ 42,600,000	$ 450,000	$ 450,000	$ 900,000
5 Mos.	$ 161,900,000	$ 17,950,000	$ 179,850,000	$ 6,900,000	$ 1,200,000	$ 8,100,000

P - Preliminary

N.M.T.B.A. F - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

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July 19, 1983

FOR RELEASE A.M. MONDAY, July 25, 1983

press release

McLean, VA, July 19, 1983 -- U.S. machine tool shipments declined by 56% in the first half of 1983 compared to the same period a year ago, according to data released today by the National Machine Tool Builders' Association. Net new orders for metal-cutting and metal-forming machine tools were also down sharply, 20% below the recession-impacted levels of the first half of 1982. Orders totaled $713,950,000 and shipments were at $957,100,000 for the first six months of the year.

Contact:
Charles Pollock

Monthly orders increased by 7% in June over May totals, standing at $145,250,000, while shipments were up 35% from the previous month at $183,000,000. Order backlogs continued to decline in June, falling to $950,450,000, substantially below the $2 billion registered in June a year ago.

"With shipments below a billion dollars for the first half of the year, a 7% monthly order gain is very small consolation," said James A. Gray, President of the National Machine Tool Builders' Association. "And as long as

(over)

national machine tool builders association

shipments continue to outstrip orders, as they did in June, the future financial health of this industry will remain very much in doubt."

Gray also pointed to the continuing decline in the industry's order backlog. "Current backlog levels are so low," Gray said, "they actually represent work-in-process on our factory floors. In other words, our industry is virtually without any inventory of parts and components and the vast majority of our companies cannot afford to keep any."

"The irony," said Gray, "is that if machine tool demand surged upward next month, we wouldn't be able to respond quickly enough and our Japanese competitors, with large machine tool inventories warehoused in the U.S., would leap into the breach."

For the month of June, metal-cutting machine tool orders were up 3% to $96,450,000. Shipments in the category increased by 48%, totaling $145,750,000. For the first half of 1983, metal-cutting orders declined 25% to $493,400,000, while shipments dropped 58% to a total of $728,100,000.

Net new orders in the metal-forming category rose 17% for the month, totaling $48,800,000, while shipments of metal-forming machine tools increased 0.5% to $37,250,000 for the period. For the six months, orders fell 4% to $220,550,000 and shipments dropped 45% to $229,000,000 in the metal-forming category.

# # # # #

COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS
(Thousands of Dollars)

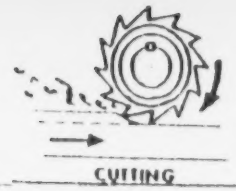
	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
June 1983	88,450	8,000	96,450	41,100	7,700	48,800	129,550	15,700	145,250
May 1983	88,200	5,400	93,600	37,900	3,800	41,700	126,100	9,200	135,300
% Change									
June 1983:May 1983	+0.3	+48.1	+3.0	+8.4	+[illegible]2.6	+17.0	+2.7	+70.7	+7.4
June 1982	55,150	36,500	91,650	29,250	5,000	34,250	84,400	41,500	125,900
% Change									
June 1983:June 1982	+60.4	-78.1	+5.2	+40.5	+54.0	+42.5	+53.5	-62.2	+15.4
Year To Date 1983	456,150	37,250	493,400	196,100	24,450	220,550	652,250	61,700	713,950
Year To Date 1982	544,850	114,750	659,600	190,500	39,350	229,850	735,350	154,100	889,450
% Change									
1983 : 1982	-16.3	-67.5	-25.2	+2.9	-37.9	-4.0	-11.3	-60.0	-19.7

SHIPMENTS -- MACHINE TOOLS
(Thousands of Dollars)

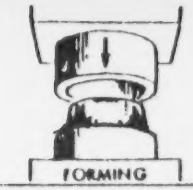
	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
June 1983	119,050	26,700	145,750	33,100	4,150	37,250	152,150	30,850	183,000
May 1983	88,600	10,200	98,800	35,050	2,000	37,050	123,650	12,200	135,850
% Change									
June 1983:May 1983	+34.4	+161.8	+47.5	-5.6	+107.5	+0.5	+23.0	+152.9	+34.7
June 1982	296,550	28,050	324,600	75,350	9,200	84,550	371,900	37,250	409,150
% Change									
June 1983:June 1982	-59.9	-4.8	-55.1	-56.1	-54.9	-55.9	-59.1	-17.2	-55.3
Year To Date 1983	638,000	90,100	728,100	204,150	24,850	229,000	842,150	114,950	957,100
Year To Date 1982	1,596,600	147,100	1,743,700	356,800	62,150	418,950	1,953,400	209,250	2,162,650
% Change									
1983 : 1982	-60.0	-38.7	-58.2	-42.8	-60.0	-45.3	-56.9	-45.1	-55.7

Source: National Machine Tool Builders' Association

Form No. PRCC-2



TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog



DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1983							
Jan.	$ 80,300,000	$ 11,550,000	$ 91,850,000	1,132.60	$ 131,450,000	$ 21,400,000	$ 152,850,000
Feb.	$ 88,250,000	$ 9,250,000	$ 97,500,000	1,071.75	$ 143,250,000	$ 15,100,000	$ 158,350,000
Mar.	$ 117,000,000	$ 8,500,000	$ 125,500,000	1,021.00	$ 156,100,000	$ 20,150,000	$ 176,250,000
Apr.	$ 111,050,000	$ 7,500,000	$ 118,550,000	988.75	$ 135,550,000	$ 15,250,000	$ 150,800,000
May	$ 126,100,000	$ 9,200,000	$ 135,300,000	988.20	$ 123,650,000	$ 12,200,000	$ 135,850,000
June (p)	$ 129,550,000	$ 15,700,000	$ 145,250,000	950.45	$ 152,150,000	$ 30,850,000	$ 183,000,000
6 Mos.	$ 652,250,000	$ 61,700,000	$ 713,950,000		$ 842,150,000	$ 114,950,000	$ 957,100,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1983						
Jan.	$ 93,450,000	$ 12,500,000	$ 105,950,000	$ 13,150,000	$ 950,000	$ 14,100,000
Feb.	$ 98,600,000	$ 9,900,000	$ 108,500,000	$ 10,350,000	$ 650,000	$ 11,000,000
Mar.	$ 128,400,000	$ 10,200,000	$ 138,600,000	$ 11,400,000	$ 1,700,000	$ 13,100,000
Apr.	$ 128,250,000	$ 9,250,000	$ 137,500,000	$ 17,200,000	$ 1,750,000	$ 18,950,000
May	$ 133,100,000	$ 10,250,000	$ 143,350,000	$ 7,000,000	$ 1,050,000	$ 8,050,000
June (p)	$ 186,950,000	$ 16,450,000	$ 203,400,000	$ 57,400,000	$ 750,000	$ 58,150,000
6 Mos.	$ 768,750,000	$ 68,550,000	$ 837,300,000	$ 116,500,000	$ 6,850,000	$ 123,350,000

P - Preliminary

N.M.T.B.A. F - 1c

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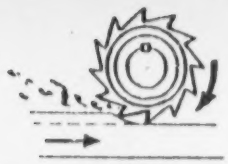

INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1983							
Jan.	$ 51,350,000	$ 5,700,000	$ 57,050,000	992.65	$ 93,400,000	$ 14,000,000	$ 107,400,000
Feb.	$ 69,550,000	$ 7,850,000	$ 77,400,000	941.25	$ 116,700,000	$ 12,100,000	$ 128,800,000
Mar.	$ 84,950,000	$ 4,700,000	$ 89,650,000	896.50	$ 119,700,000	$ 14,700,000	$ 134,400,000
Apr.	$ 73,650,000	$ 5,600,000	$ 79,250,000	862.80	$ 100,550,000	$ 12,400,000	$ 112,950,000
May	$ 88,200,000	$ 5,400,000	$ 93,600,000	857.60	$ 88,600,000	$ 10,200,000	$ 98,800,000
June (p)	$ 88,450,000	$ 8,000,000	$ 96,450,000	808.30	$ 119,050,000	$ 26,700,000	$ 145,750,000
6 Mos.	$ 456,150,000	$ 37,250,000	$ 493,400,000		$ 638,000,000	$ 90,100,000	$ 728,100,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1983						
Jan.	$ 62,750,000	$ 6,050,000	$ 68,800,000	$ 11,400,000	$ 350,000	$ 11,750,000
Feb.	$ 78,300,000	$ 8,450,000	$ 86,750,000	$ 8,750,000	$ 600,000	$ 9,350,000
Mar.	$ 95,900,000	$ 6,350,000	$ 102,250,000	$ 10,950,000	$ 1,650,000	$ 12,600,000
Apr.	$ 88,200,000	$ 7,300,000	$ 95,500,000	$ 14,550,000	$ 1,700,000	$ 16,250,000
May	$ 94,750,000	$ 6,000,000	$ 100,750,000	$ 6,550,000	$ 600,000	$ 7,150,000
June (p)	$ 145,800,000	$ 8,600,000	$ 154,400,000	$ 57,350,000	$ 600,000	$ 57,950,000
6 Mos.	$ 565,700,000	$ 42,750,000	$ 608,450,000	$ 109,550,000	$ 5,500,000	$ 115,050,000

P - Preliminary

N.M.T.B.A. F - 1c

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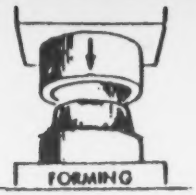


INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1983							
Jan.	$ 28,950,000	$ 5,850,000	$ 34,800,000	139.95	$ 38,050,000	$ 7,400,000	$ 45,450,000
Feb.	$ 18,700,000	$ 1,400,000	$ 20,100,000	130.50	$ 26,550,000	$ 3,000,000	$ 29,550,000
Mar.	$ 32,050,000	$ 3,800,000	$ 35,850,000	124.50	$ 36,400,000	$ 5,450,000	$ 41,850,000
Apr.	$ 37,400,000	$ 1,900,000	$ 39,300,000	125.95	$ 35,000,000	$ 2,850,000	$ 37,850,000
May	$ 37,900,000	$ 3,800,000	$ 41,700,000	130.60	$ 35,050,000	$ 2,000,000	$ 37,050,000
June (p)	$ 41,100,000	$ 7,700,000	$ 48,800,000	142.15	$ 33,100,000	$ 4,150,000	$ 37,250,000
6 Mos.	$ 196,100,000	$ 24,450,000	$ 220,550,000		$ 204,150,000	$ 24,850,000	$ 229,000,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1983						
Jan.	$ 30,700,000	$ 6,450,000	$ 37,150,000	$ 1,750,000	$ 600,000	$ 2,350,000
Feb.	$ 20,300,000	$ 1,450,000	$ 21,750,000	$ 1,600,000	$ 50,000	$ 1,650,000
Mar.	$ 32,500,000	$ 3,850,000	$ 36,350,000	$ 450,000	$ 50,000	$ 500,000
Apr.	$ 40,050,000	$ 1,950,000	$ 42,000,000	$ 2,650,000	$ 50,000	$ 2,700,000
May	$ 38,350,000	$ 4,250,000	$ 42,600,000	$ 450,000	$ 450,000	$ 900,000
June (p)	$ 41,150,000	$ 7,850,000	$ 49,000,000	$ 50,000	$ 150,000	$ 200,000
6 Mos.	$ 203,050,000	$ 25,800,000	$ 228,850,000	$ 6,950,000	$ 1,350,000	$ 8,300,000

P - Preliminary

N.M.T.B.A. F - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

QUARTERLY AND YEARLY SHIPMENTS AND NET NEW ORDERS OF MACHINE TOOLS
(DOLLAR FIGURES IN THOUSANDS)
1978 TO DATE

	CUTTING AND FORMING			CUTTING			FORMING		
	SHIPMENTS		NET	SHIPMENTS		NET	SHIPMENTS		NET
DATE	Total	Foreign	NEW ORDERS	Total	Foreign	NEW ORDERS	Total	Foreign	NEW ORDERS
1978-1	$ 683,200	$ 62,300	$ 940,050	$ 503,850	$ 44,200	$ 723,850	$ 179,350	$ 18,100	$ 216,200
2	791,600	79,050	1,129,950	584,200	57,250	886,550	207,400	21,800	243,400
3	687,550	77,750	1,027,650	498,050	59,200	776,950	189,500	18,550	250,700
4	851,100	105,750	1,250,850	602,400	67,750	988,100	248,700	38,000	262,750
Total	$3,013,450	$324,850	$4,348,500	$2,188,500	$228,400	$3,375,450	$ 824,950	$ 96,450	$ 973,050
1979-1	$ 858,050	$ 88,300	$1,471,400	$ 633,450	$ 69,000	$1,158 250	$ 224,600	$ 19,300	$ 313,150
2	978,200	109,150	1,356,450	735,750	87,650	1,083,550	242,450	21,500	272,900
3	899,850	97,050	1,353,200	689,850	78,500	1,120,500	210,000	18,550	232,700
4	1,140,450	116,750	1,440,400	871,000	89,400	1,132,800	269,450	27,350	307,600
Total	$3,876,550	$411,250	$5,621,450	$2,930,050	$324,550	$4,495,100	$ 946,500	$ 86,700	$1,126,350
1980-1	$1,146,150	$115,700	$1,517,450	$ 881,400	$ 86,750	$1,207,800	$ 264,750	$ 28,950	$ 309,650
2	1,193,300	155,550	1,335,350	925,350	122,850	1,142,100	267,950	32,700	193,250
3	1,049,050	133,850	917,500	830,450	102,650	728,300	218,600	31,200	189,200
4	1,303,250	202,400	984,000	1,043,600	162,550	806,550	259,650	39,850	177,450
Total	$4,691,750	$607,500	$4,754,300	$3,680,800	$474,800	$3,884,750	$1,010,950	$ 132,700	$ 869,550
1981-1	$1,288,200	$210,800	$ 920,350	$1,017,850	$155,600	$ 706,600	$ 270,350	$ 55,200	$ 213,750
2	1,367,500	236,350	867,000	1,103,400	185,450	661,200	264,100	50,900	205,800
3	1,133,950	127,950	593,450	920,300	99,950	455,250	213,650	28,000	138,200
4	1,305,950	143,850	564,050	1,062,950	111,050	405,050	243,000	32,800	159,000
Total	$5,095,600	$718,950	$2,944,850	$4,104,500	$552,050	$2,228,100	$ 991,100	$ 166,900	$ 716,750
1982-1	$1,154,200	$112,650	$ 506,800	$ 933,050	$ 71,750	$ 384,850	$ 221,150	$ 40,900	$ 121,950
2	1,008,450	96,600	382,650	810,650	75,350	274,750	197,800	21,250	107,900
3	783,400	107,200	279,950	640,450	89,750	183,450	142,950	17,450	96,500
4	658,350	89,600	328,350	510,600	59,300	221,400	147,750	30,300	106,950
Total	$3,604,400	$406,050	$1,497,750	$2,894,750	$296,150	$1,064,450	$ 709,650	$ 109,900	$ 433,300
1983-1	$ 487,450	$ 56,650	$ 314,850	$ 370,600	$ 40,800	$ 224,100	$ 116,850	$ 15,850	$ 90,750
2P	469,650	58,300	399,100	357,500	49,300	269,300	112,150	9,000	129,800

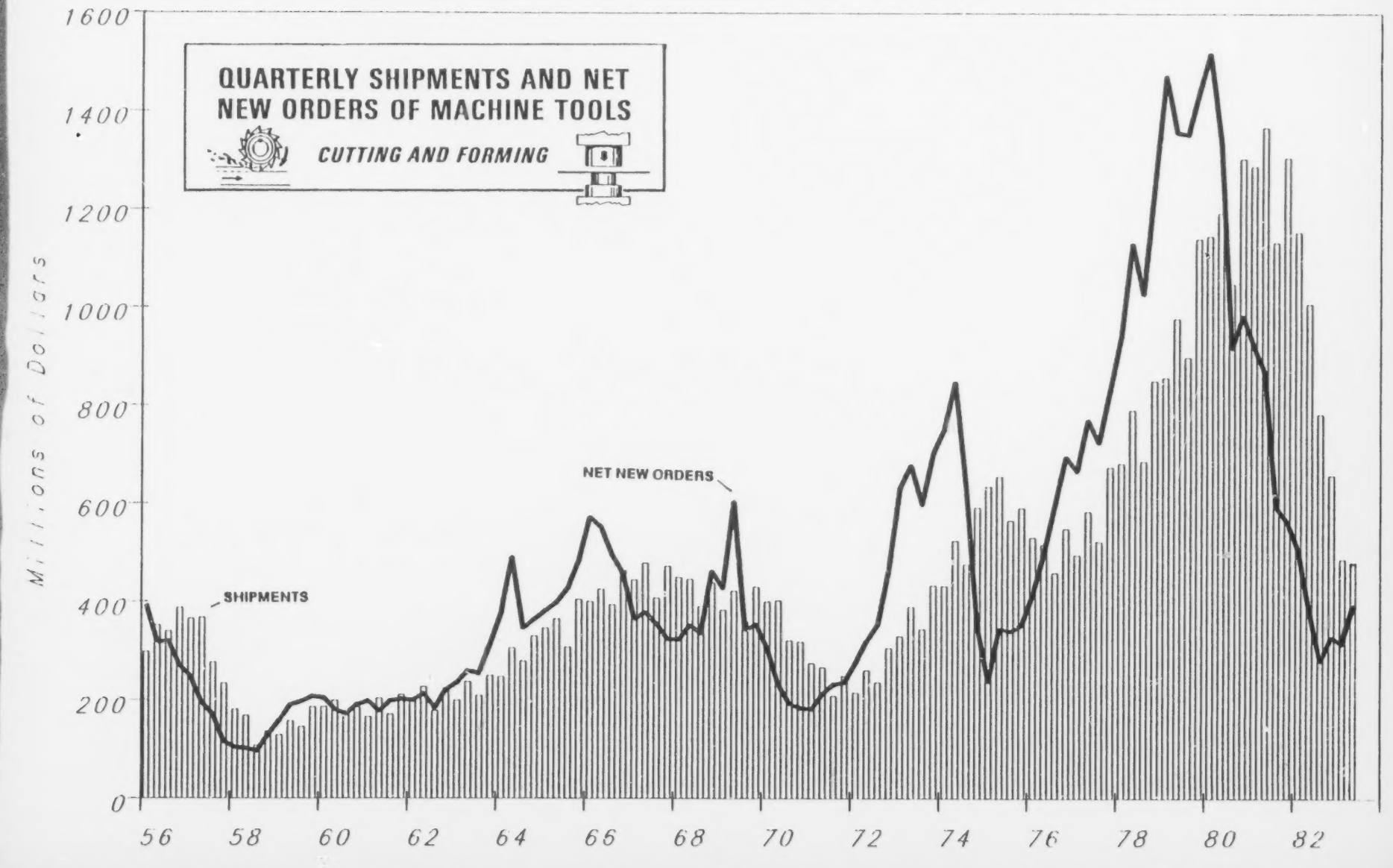
P - Preliminary

NOTE: These data series are available back to 1956. To obtain a copy of the tables for 1956 through 1982, contact: NMTBA Statistical Department, 7901 Westpark Drive, McLean, Virginia 22102. Phone: 703:893-2900

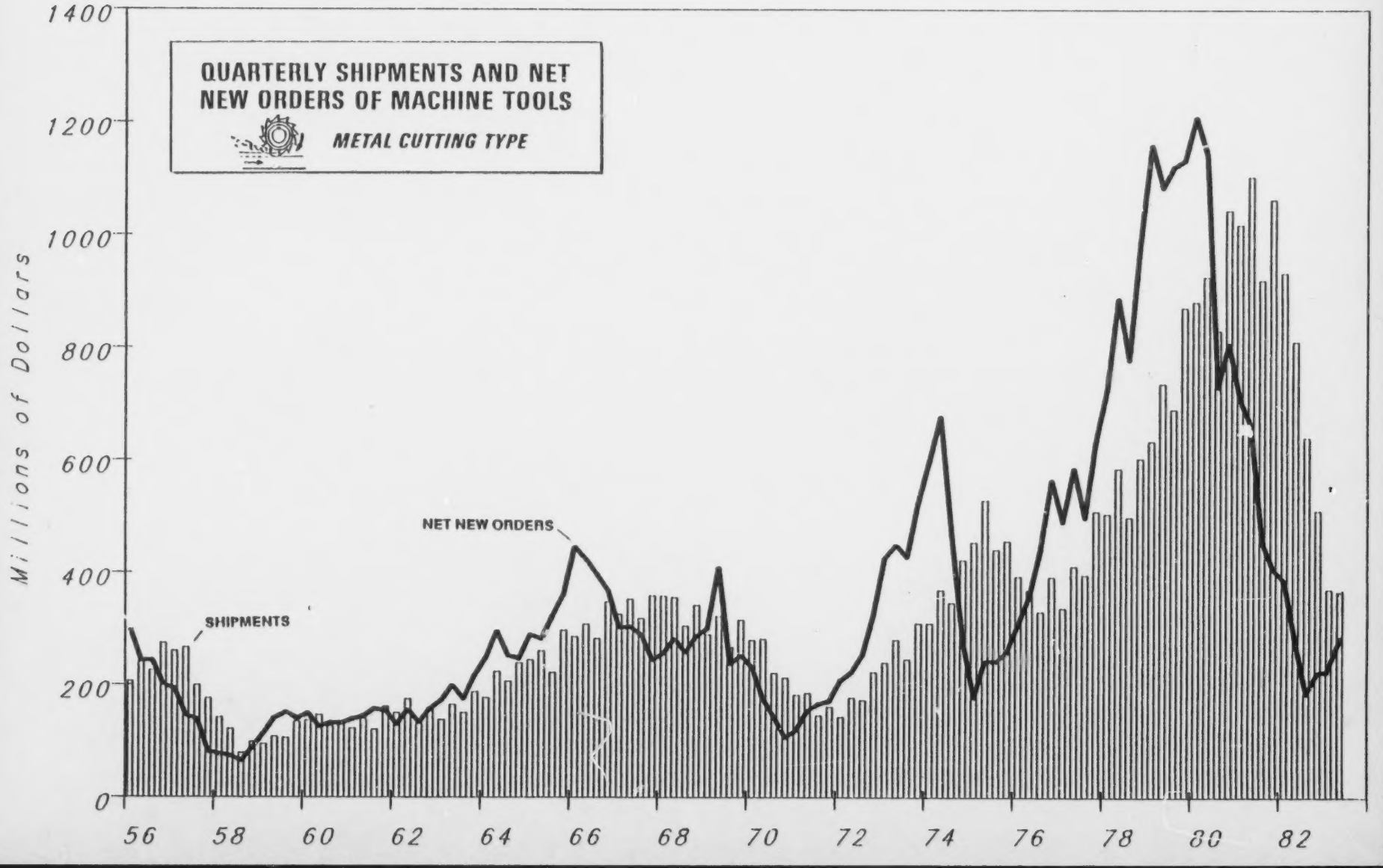
Source: National Machine Tool Builders' Association

July 25, 1983

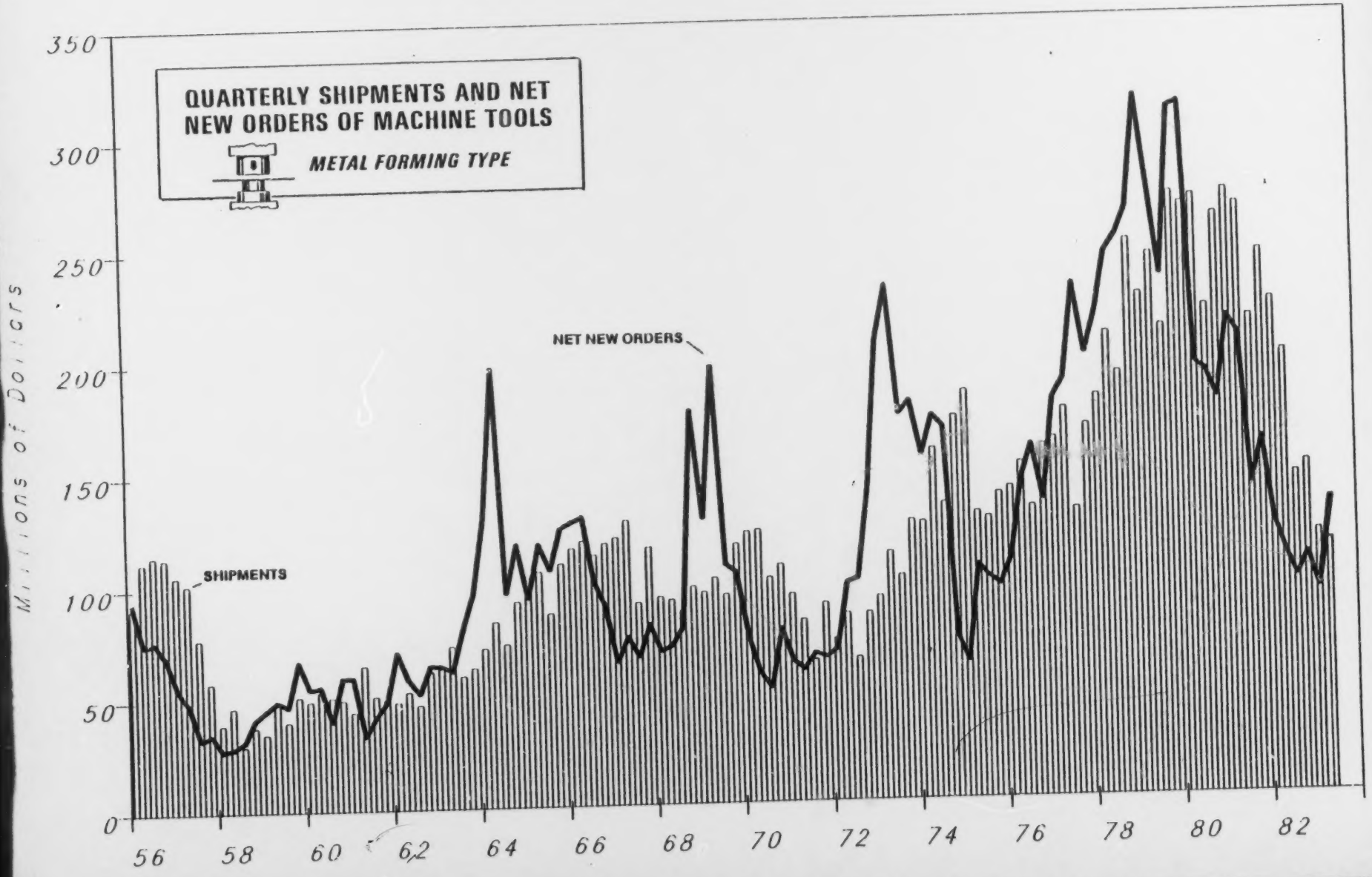
Total Machine Tool Shipments (Bar) and Net New Orders (Line) Quarterly, 1956:1 to 1983:2



Metal Cutting Machine Tool
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956:1 to 1983:2



Metal Forming Machine Tool Shipments (Bar) and Net New Orders (Line) Quarterly, 1956:1 to 1983:2



August 23, 1983

FOR RELEASE A.M. MONDAY, August 29, 1983

press release

McLean, VA, August 23, 1983 -- Net new orders for U.S. machine tools rose 19% in July compared to the previous month, continuing an upward trend in machine tool orders, according to data released today by the National Machine Tool Builders' Association. The monthly order total of $173,350,000 also represented a 63% increase over July of a year ago.

However, industry shipments continued to decline, dropping 40% from June to $109,900,000.

Year to date, orders for metal-cutting and metal-forming machine tools were reported down 11% from 1982 at $887,300,000, while shipments were off 56% at $1,067,000,000.

"We are encouraged that an order recovery seems to be underway," said Association President James A. Gray. "It's nice to finally rise above rock bottom," Gray added, "but $170 million in monthly orders is still only half of what we need for a healthy industry."

(over)

Contact:
Charles Pollock

national machine tool builders association

Gray also noted that, "The continued steep decline in shipments, which lag behind orders by several months, still poses a serious threat to the industry. Even though July and August are normally slow shipment months, due to vacations, the extent of this month's decline (40%) is reason for concern."

"Many of our companies now have severe cash flow problems. Our biggest fear is that new orders may not translate into shipments quickly enough to rescue these ailing companies," Gray said.

For the month of July, metal-cutting machine tool orders rose 32% to a level of $127,000,000. Shipments in the category declined 50% to a total of $72,950,000.

Net new orders in the metal-forming category declined 5% for the month, totaling $46,350,000, while shipments of metal-forming machine tools dropped 1% at $36,950,000 for the period.

For the first time in 29 months the industry's backlog increased, to a level of $1,013,900,000.

# # # # #

COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS
(Thousands of Dollars)

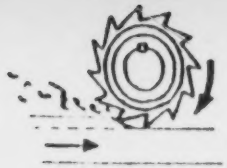
	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
July 1983	123,000	4,000	127,000	42,000	4,350	46,350	165,000	8,350	173,350
June 1983	88,450	8,000	96,450	41,100	7,700	48,800	129,550	15,700	145,250
% Change									
July 1983:June 1983	+39.1	-50.0	+31.7	+2.2	-43.5	-5.0	+27.4	-46.8	+19.3
July 1982	57,550	12,850	70,400	30,400	5,750	36,150	87,950	18,600	106,550
% Change									
July 1983:July 1982	+113.7	-68.9	+80.4	+38.2	-24.3	+28.2	+87.6	-55.1	+62.7
Year To Date 1983	579,150	41,250	620,400	238,100	28,800	266,900	817,250	70,050	887,300
Year To Date 1982	602,400	127,600	730,000	220,900	45,100	266,000	823,300	172,700	996,000
% Change									
1983 : 1982	-3.9	-67.7	-15.0	+7.8	-36.1	+0.3	-0.7	-59.4	-10.9

SHIPMENTS -- MACHINE TOOLS
(Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
July 1983	61,150	11,800	72,950	31,950	5,000	36,950	93,100	16,800	109,900
June 1983	119,050	26,700	145,750	33,100	4,150	37,250	152,150	30,850	183,000
% Change									
July 1983:June 1983	-48.6	-55.8	-49.9	-3.5	+20.5	-0.8	-38.8	-45.5	-39.9
July 1982	173,750	29,800	203,550	40,650	6,150	46,800	214,400	35,950	250,350
% Change									
July 1983:July 1982	-64.8	-60.4	-64.2	-21.4	-18.7	-21.0	-56.6	-53.1	-56.1
Year To Date 1983	699,150	101,900	801,050	236,100	29,850	265,950	935,250	131,750	1,067,000
Year To Date 1982	1,770,350	176,900	1,947,250	397,450	68,300	465,750	2,167,800	245,200	2,413,000
% Change									
1983 : 1982	-60.5	-42.4	-58.9	-40.6	-56.3	-42.9	-56.9	-46.3	-55.8

Source: National Machine Tool Builders' Association

Form No. PRCC-2



TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog

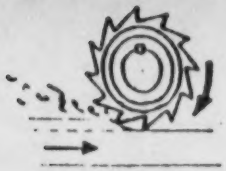
DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1983							
Jan.	$ 80,300,000	$ 11,550,000	$ 91,850,000	1,132.60	$ 131,450,000	$ 21,400,000	$ 152,850,000
Feb.	$ 88,250,000	$ 9,250,000	$ 97,500,000	1,071.75	$ 143,250,000	$ 15,100,000	$ 158,350,000
Mar.	$ 117,000,000	$ 8,500,000	$ 125,500,000	1,021.00	$ 156,100,000	$ 20,150,000	$ 176,250,000
Apr.	$ 111,050,000	$ 7,500,000	$ 118,550,000	988.75	$ 135,550,000	$ 15,250,000	$ 150,800,000
May	$ 126,100,000	$ 9,200,000	$ 135,300,000	988.20	$ 123,650,000	$ 12,200,000	$ 135,850,000
June	$ 129,550,000	$ 15,700,000	$ 145,250,000	950.45	$ 152,150,000	$ 30,850,000	$ 183,000,000
July (p)	$ 165,000,000	$ 8,350,000	$ 173,350,000	1,013.90	$ 93,100,000	$ 16,800,000	$ 109,900,000
7 Mos.	$ 817,250,000	$ 70,050,000	$ 887,300,000		$ 935,250,000	$ 131,750,000	$1,067,000,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1983						
Jan.	$ 93,450,000	$ 12,500,000	$ 105,950,000	$ 13,150,000	$ 950,000	$ 14,100,000
Feb.	$ 98,600,000	$ 9,900,000	$ 108,500,000	$ 10,350,000	$ 650,000	$ 11,000,000
Mar.	$ 128,400,000	$ 10,200,000	$ 138,600,000	$ 11,400,000	$ 1,700,000	$ 13,100,000
Apr.	$ 128,250,000	$ 9,250,000	$ 137,500,000	$ 17,200,000	$ 1,750,000	$ 18,950,000
May	$ 133,100,000	$ 10,250,000	$ 143,350,000	$ 7,000,000	$ 1,050,000	$ 8,050,000
June	$ 186,950,000	$ 16,450,000	$ 203,400,000	$ 57,400,000	$ 750,000	$ 58,150,000
July (p)	$ 169,950,000	$ 9,200,000	$ 179,150,000	$ 4,950,000	$ 850,000	$ 5,800,000
7 Mos.	$ 938,700,000	$ 77,750,000	$1,016,450,000	$ 121,450,000	$ 7,700,000	$ 129,150,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

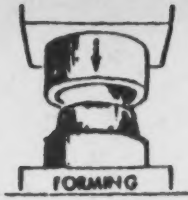
DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1983							
Jan.	$ 51,350,000	$ 5,700,000	$ 57,050,000	992.65	$ 93,400,000	$ 14,000,000	$ 107,400,000
Feb.	$ 69,550,000	$ 7,850,000	$ 77,400,000	941.25	$ 116,700,000	$ 12,100,000	$ 128,800,000
Mar.	$ 84,950,000	$ 4,700,000	$ 89,650,000	896.50	$ 119,700,000	$ 14,700,000	$ 134,400,000
Apr.	$ 73,650,000	$ 5,600,000	$ 79,250,000	862.80	$ 100,550,000	$ 12,400,000	$ 112,950,000
May	$ 88,200,000	$ 5,400,000	$ 93,600,000	857.60	$ 88,600,000	$ 10,200,000	$ 98,800,000
June	$ 88,450,000	$ 8,000,000	$ 96,450,000	808.30	$ 119,050,000	$ 26,700,000	$ 145,750,000
July (p)	$ 123,000,000	$ 4,000,000	$ 127,000,000	862.35	$ 61,150,000	$ 11,800,000	$ 72,950,000
7 Mos.	$ 579,150,000	$ 41,250,000	$ 620,400,000		$ 699,150,000	$101,900,000	$ 801,050,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1983						
Jan.	$ 62,750,000	$ 6,050,000	$ 68,800,000	$ 11,400,000	$ 350,000	$ 11,750,000
Feb.	$ 78,300,000	$ 8,450,000	$ 86,750,000	$ 8,750,000	$ 600,000	$ 9,350,000
Mar.	$ 95,900,000	$ 6,350,000	$ 102,250,000	$ 10,950,000	$ 1,650,000	$ 12,600,000
Apr.	$ 88,200,000	$ 7,300,000	$ 95,500,000	$ 14,550,000	$ 1,700,000	$ 16,250,000
May	$ 94,750,000	$ 6,000,000	$ 100,750,000	$ 6,550,000	$ 600,000	$ 7,150,000
June	$ 145,800,000	$ 8,600,000	$ 154,400,000	$ 57,350,000	$ 600,000	$ 57,950,000
July (p)	$ 127,450,000	$ 4,800,000	$ 132,250,000	$ 4,450,000	$ 800,000	$ 5,250,000
7 Mos.	$ 693,150,000	$ 47,550,000	$ 740,700,000	$ 114,000,000	$ 6,300,000	$ 120,300,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS Domestic	NET NEW ORDERS Foreign	NET NEW ORDERS Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	SHIPMENTS Foreign	SHIPMENTS Total
1983							
Jan.	$ 28,950,000	$ 5,850,000	$ 34,800,000	139.95	$ 38,050,000	$ 7,400,000	$ 45,450,000
Feb.	$ 18,700,000	$ 1,400,000	$ 20,100,000	130.50	$ 26,550,000	$ 3,000,000	$ 29,550,000
Mar.	$ 32,050,000	$ 3,800,000	$ 35,850,000	124.50	$ 36,400,000	$ 5,450,000	$ 41,850,000
Apr.	$ 37,400,000	$ 1,900,000	$ 39,300,000	125.95	$ 35,000,000	$ 2,850,000	$ 37,850,000
May	$ 37,900,000	$ 3,800,000	$ 41,700,000	130.60	$ 35,050,000	$ 2,000,000	$ 37,050,000
June	$ 41,100,000	$ 7,700,000	$ 48,800,000	142.15	$ 33,100,000	$ 4,150,000	$ 37,250,000
July (p)	$ 42,000,000	$ 4,350,000	$ 46,350,000	151.55	$ 31,950,000	$ 5,000,000	$ 36,950,000
7 Mos.	$ 238,100,000	$ 28,800,000	$ 266,900,000		$ 236,100,000	$ 29,850,000	$ 265,950,000

DATE	GROSS NEW ORDERS Domestic	GROSS NEW ORDERS Foreign	GROSS NEW ORDERS Total	CANCELLATIONS Domestic	CANCELLATIONS Foreign	CANCELLATIONS Total
1983						
Jan.	$ 30,700,000	$ 6,450,000	$ 37,150,000	$ 1,750,000	$ 600,000	$ 2,350,000
Feb.	$ 20,300,000	$ 1,450,000	$ 21,750,000	$ 1,600,000	$ 50,000	$ 1,650,000
Mar.	$ 32,500,000	$ 3,850,000	$ 36,350,000	$ 450,000	$ 50,000	$ 500,000
Apr.	$ 40,050,000	$ 1,950,000	$ 42,000,000	$ 2,650,000	$ 50,000	$ 2,700,000
May	$ 38,350,000	$ 4,250,000	$ 42,600,000	$ 450,000	$ 450,000	$ 900,000
June	$ 41,150,000	$ 7,850,000	$ 49,000,000	$ 50,000	$ 150,000	$ 200,000
July (p)	$ 42,500,000	$ 4,400,000	$ 46,900,000	$ 500,000	$ 50,000	$ 550,000
7 Mos.	$ 245,550,000	$ 30,200,000	$ 275,750,000	$ 7,450,000	$ 1,400,000	$ 8,850,000

P - Preliminary

N.M.T.B.A. F - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

9/27/83
A8050-1

September 20, 1983

press release

FOR RELEASE A.M. MONDAY, September 26, 1983

McLean, VA, September 26, 1983 -- Machine tool orders, which have been growing throughout the year, declined 22% in August. However, much of this month-to-month decline may be attributable to normal summer-vacation doldrums. Year-to-year comparisons indicate a continuation of the industry's order-improvement trend as August 1983 orders were 59% higher than August 1982.

August shipments were roughly equal to July's. However, when compared to August 1982, 1983 monthly shipments were down by 56%. According to the monthly report released today by the National Machine Tool Builders' Association, net new orders for machine tools totaled $137,250,000 during August, and shipments were valued at $113,000,000.

"Month-to-month comparisons do not indicate the current trends in America's machine tool industry," said NMTBA President, James A. Gray, "especially since monthly totals are still at such low levels.

-over-

Contact:
Charles Pollock

national machine tool builders association
7901 WESTPARK DRIVE
McLEAN, VIRGINIA 22102
AREA CODE (703) 893-2900
TWX 710-831-0031 NMTBA MCLN

"During 1982 machine tool orders were generally declining, while a slow but steady recovery trend has been the rule this year. Therefore, year-to-year comparisons show the rate of order recovery, while the actual dollar-values indicate how far the recovery has to go (e.g., August 1979 net new orders totaled $426 million versus $137 million in 1983). For orders, the conclusion is that they are definitely recovering, but they have a long way to go for full recovery." Gray said.

"Unfortunately the other indicator of machine tool industry activity -- shipments -- tells a sadder story. With shipments down 56% from last year, (and 65% below the August 1981 level of $325 million) disaster could be waiting in the wings for many of our companies, even though an order recovery is underway."

For the month of August, metal-cutting machine tool orders dropped 29% to a level of $91,000,000. Shipments in the category were up 10% for a total of $82,850,000.

Net new orders in the metal-forming category held steady for the month, totaling $46,250,000, while shipments of metal-forming machine tools dropped 18% to $30,150,000 for the period.

For the second month in a row, the industry's backlog enjoyed a small increase, to a level of $1,037,450,000.

# # # # #

COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS
(Thousands of Dollars)

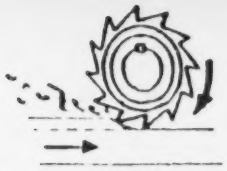
	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
Aug. 1983	82,650	8,350	91,000	42,000	4,250	46,250	124,650	12,600	137,250
July 1983	124,650	4,100	128,750	42,000	4,350	46,350	166,650	8,450	175,100
% Change									
Aug. 1983:July 1983	-33.7	+103.7	-29.3	0.0	-2.3	-0.2	-25.2	+49.1	-21.6
Aug. 1982	49,250	11,200	60,450	22,700	3,350	26,050	71,950	14,550	86,500
% Change									
Aug. 1983:Aug. 1982	+67.8	-25.4	+50.5	+85.0	+26.9	+77.5	+73.2	-13.4	+58.7
Year To Date 1983	663,450	49,700	713,150	280,100	33,050	313,150	943,550	82,750	1,026,300
Year To Date 1982	651,650	138,800	790,450	243,600	48,450	292,050	895,250	187,250	1,082,500
% Change									
1983 : 1982	+1.8	-64.2	-9.8	+15.0	-31.8	+7.2	+5.4	-55.8	-5.2

SHIPMENTS -- MACHINE TOOLS
(Thousands of Dollars)

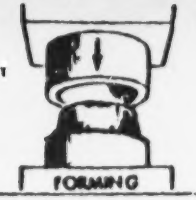
	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
Aug. 1983	72,750	10,100	82,850	28,900	1,250	30,150	101,650	11,350	113,000
July 1983	61,900	13,500	75,400	31,950	5,000	36,950	93,850	18,500	112,350
% Change									
Aug. 1983:July 1983	+17.5	-25.2	+9.9	-9.5	-75.0	-18.4	+8.3	-38.6	+0.6
Aug. 1982	184,300	28,200	212,500	38,900	5,800	44,700	223,200	34,000	257,200
% Change									
Aug. 1983:Aug. 1982	-60.5	-64.2	-61.0	-25.7	-78.4	-32.6	-54.5	-66.6	-56.1
Year To Date 1983	772,650	113,700	886,350	265,000	31,100	296,100	1,037,650	144,800	1,182,450
Year To Date 1982	1,954,650	205,100	2,159,750	436,350	74,100	510,450	2,391,000	279,200	2,670,200
% Change									
1983 : 1982	-60.5	-44.6	-59.0	-39.3	-58.0	-42.0	-56.6	-48.1	-55.7

Source: National Machine Tool Builders' Association

Form No. PRCC-2



TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog



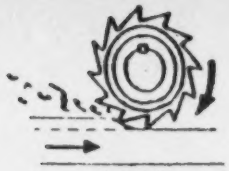
DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1983							
Jan.	$ 80,300,000	$ 11,550,000	$ 91,850,000	1,132.60	$ 131,450,000	$ 21,400,000	$ 152,850,000
Feb.	$ 88,250,000	$ 9,250,000	$ 97,500,000	1,071.75	$ 143,250,000	$ 15,100,000	$ 158,350,000
Mar.	$ 117,000,000	$ 8,500,000	$ 125,500,000	1,021.00	$ 156,100,000	$ 20,150,000	$ 176,250,000
Apr.	$ 111,050,000	$ 7,500,000	$ 118,550,000	988.75	$ 135,550,000	$ 15,250,000	$ 150,800,000
May	$ 126,100,000	$ 9,200,000	$ 135,300,000	988.20	$ 123,650,000	$ 12,200,000	$ 135,850,000
June	$ 129,550,000	$ 15,700,000	$ 145,250,000	950.45	$ 152,150,000	$ 30,850,000	$ 183,000,000
July	$ 166,650,000	$ 8,450,000	$ 175,100,000	1,013.20	$ 93,850,000	$ 18,500,000	$ 112,350,000
Aug. (p)	$ 124,650,000	$ 12,600,000	$ 137,250,000	1,037.45	$ 101,650,000	$ 11,350,000	$ 113,000,000
8 Mos.	$ 943,550,000	$ 82,750,000	$1,026,300,000		$1,037,650,000	$ 144,800,000	$1,182,450,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1983						
Jan.	$ 93,450,000	$ 12,500,000	$ 105,950,000	$ 13,150,000	$ 950,000	$ 14,100,000
Feb.	$ 98,600,000	$ 9,900,000	$ 108,500,000	$ 10,350,000	$ 650,000	$ 11,000,000
Mar.	$ 128,400,000	$ 10,200,000	$ 138,600,000	$ 11,400,000	$ 1,700,000	$ 13,100,000
Apr.	$ 128,250,000	$ 9,250,000	$ 137,500,000	$ 17,200,000	$ 1,750,000	$ 18,950,000
May	$ 133,100,000	$ 10,250,000	$ 143,350,000	$ 7,000,000	$ 1,050,000	$ 8,050,000
June	$ 186,950,000	$ 16,450,000	$ 203,400,000	$ 57,400,000	$ 750,000	$ 58,150,000
July	$ 171,850,000	$ 9,300,000	$ 181,150,000	$ 5,200,000	$ 850,000	$ 6,050,000
Aug. (p)	$ 140,800,000	$ 13,200,000	$ 154,000,000	$ 16,150,000	$ 600,000	$ 16,750,000
8 Mos.	$1,081,400,000	$ 91,050,000	$1,172,450,000	$ 137,850,000	$ 8,300,000	$ 146,150,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS Domestic	NET NEW ORDERS Foreign	NET NEW ORDERS Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	SHIPMENTS Foreign	SHIPMENTS Total
1983							
Jan.	$ 51,350,000	$ 5,700,000	$ 57,050,000	992.65	$ 93,400,000	$ 14,000,000	$ 107,400,000
Feb.	$ 69,550,000	$ 7,850,000	$ 77,400,000	941.25	$ 116,700,000	$ 12,100,000	$ 128,800,000
Mar.	$ 84,950,000	$ 4,700,000	$ 89,650,000	896.50	$ 119,700,000	$ 14,700,000	$ 134,400,000
Apr.	$ 73,650,000	$ 5,600,000	$ 79,250,000	862.80	$ 100,550,000	$ 12,400,000	$ 112,950,000
May	$ 88,200,000	$ 5,400,000	$ 93,600,000	857.60	$ 88,600,000	$ 10,200,000	$ 98,800,000
June	$ 88,450,000	$ 8,000,000	$ 96,450,000	808.30	$ 119,050,000	$ 26,700,000	$ 145,750,000
July	$ 124,650,000	$ 4,100,000	$ 128,750,000	861.65	$ 61,900,000	$ 13,500,000	$ 75,400,000
Aug. (p)	$ 82,650,000	$ 8,350,000	$ 91,000,000	869.80	$ 72,750,000	$ 10,100,000	$ 82,850,000
8 Mos.	$ 663,450,000	$ 49,700,000	$ 713,150,000		$ 772,650,000	$113,700,000	$ 886,350,000

DATE	GROSS NEW ORDERS Domestic	GROSS NEW ORDERS Foreign	GROSS NEW ORDERS Total	CANCELLATIONS Domestic	CANCELLATIONS Foreign	CANCELLATIONS Total
1983						
Jan.	$ 62,750,000	$ 6,050,000	$ 68,800,000	$ 11,400,000	$ 350,000	$ 11,750,000
Feb.	$ 78,300,000	$ 8,450,000	$ 86,750,000	$ 8,750,000	$ 600,000	$ 9,350,000
Mar.	$ 95,900,000	$ 6,350,000	$ 102,250,000	$ 10,950,000	$ 1,650,000	$ 12,600,000
Apr.	$ 88,200,000	$ 7,300,000	$ 95,500,000	$ 14,550,000	$ 1,700,000	$ 16,250,000
May	$ 94,750,000	$ 6,000,000	$ 100,750,000	$ 6,550,000	$ 600,000	$ 7,150,000
June	$ 145,800,000	$ 8,600,000	$ 154,400,000	$ 57,350,000	$ 600,000	$ 57,950,000
July	$ 129,350,000	$ 4,900,000	$ 134,250,000	$ 4,700,000	$ 800,000	$ 5,500,000
Aug. (p)	$ 98,000,000	$ 8,650,000	$ 106,650,000	$ 15,350,000	$ 300,000	$ 15,650,000
8 Mos.	$ 793,050,000	$ 56,300,000	$ 849,350,000	$ 129,600,000	$ 6,600,000	$ 136,200,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1983							
Jan.	$ 28,950,000	$ 5,850,000	$ 34,800,000	139.95	$ 38,050,000	$ 7,400,000	$ 45,450,000
Feb.	$ 18,700,000	$ 1,400,000	$ 20,100,000	130.50	$ 26,550,000	$ 3,000,000	$ 29,550,000
Mar.	$ 32,050,000	$ 3,800,000	$ 35,850,000	124.50	$ 36,400,000	$ 5,450,000	$ 41,850,000
Apr.	$ 37,400,000	$ 1,900,000	$ 39,300,000	125.95	$ 35,000,000	$ 2,850,000	$ 37,850,000
May	$ 37,900,000	$ 3,800,000	$ 41,700,000	130.60	$ 35,050,000	$ 2,000,000	$ 37,050,000
June	$ 41,100,000	$ 7,700,000	$ 48,800,000	142.15	$ 33,100,000	$ 4,150,000	$ 37,250,000
July	$ 42,000,000	$ 4,350,000	$ 46,350,000	151.55	$ 31,950,000	$ 5,000,000	$ 36,950,000
Aug. (p)	$ 42,000,000	$ 4,250,000	$ 46,250,000	167.65	$ 28,900,000	$ 1,250,000	$ 30,150,000
8 Mos.	$ 280,100,000	$ 33,050,000	$ 313,150,000		$ 265,000,000	$ 31,100,000	$ 296,100,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1983						
Jan.	$ 30,700,000	$ 6,450,000	$ 37,150,000	$ 1,750,000	$ 600,000	$ 2,350,000
Feb.	$ 20,300,000	$ 1,450,000	$ 21,750,000	$ 1,600,000	$ 50,000	$ 1,650,000
Mar.	$ 32,500,000	$ 3,850,000	$ 36,350,000	$ 450,000	$ 50,000	$ 500,000
Apr.	$ 40,050,000	$ 1,950,000	$ 42,000,000	$ 2,650,000	$ 50,000	$ 2,700,000
May	$ 38,350,000	$ 4,250,000	$ 42,600,000	$ 450,000	$ 450,000	$ 900,000
June	$ 41,150,000	$ 7,850,000	$ 49,000,000	$ 50,000	$ 150,000	$ 200,000
July	$ 42,500,000	$ 4,400,000	$ 46,900,000	$ 500,000	$ 50,000	$ 550,000
Aug. (p)	$ 42,800,000	$ 4,550,000	$ 47,350,000	$ 800,000	$ 300,000	$ 1,100,000
8 Mos.	$ 288,350,000	$ 34,750,000	$ 323,100,000	$ 8,250,000	$ 1,700,000	$ 9,950,000

P - Preliminary

N.M.T.B.A. F - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

10/31/83
A8050-1

October 24, 1983

press release

FOR RELEASE A.M. MONDAY, October 31, 1983

McLean, VA, October 31, 1983 -- Net new orders for machine tools totaling $1,182,300,000 rose a slight 1% for the first nine months of 1983, compared to the same period in 1982; while industry shipments of $1,316,850,000 were off 55% for the first three quarters of the year based on data compiled by the National Machine Tool Builders' Association (NMTBA).

For the month of September, however, net new orders totaled $156,000,000 representing an 80% gain from September of 1982, and a 14% increase over the August order rate. Shipments during the month were up 19% from August levels to a total value of $134,400,000. However, this shipment level was 51% below that of September 1982.

"Although modest, a recovery seems to be firmly established in the machine tool industry," according to NMTBA President, James A. Gray. "However, while the order trend continues to rise,

-over-

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AREA CODE (703) 893-2900
TWX 710-831-0031 NMTBA MCLN

shipments remain especially weak," Gray warned, "and this presents a severe and very immediate problem for many companies in our industry."

Gray also pointed to the 7.9% GNP increase in the third quarter as a positive indicator for the industry, adding that, "if inflation stays under control and interest rates don't go up dramatically, an industry recovery could be realized over the next two years. Machine tool industry forecasters predict order increases during that period," Gray added, "but nothing like the robust activity of the late 70's."

Metal-cutting machine tool orders were off 3% for the first three quarters, to a level of $815,800,000. For the month, metal-cutting orders totaled $102,650,000, representing a 13% increase from August and 95% above September a year ago.

Shipments of metal-cutting type machine tools totaled $983,150,000 for the first nine months of 1983, a 59% decline from the same period a year ago. In September, shipments totaled $96,800,000 representing a 57% drop from last September, but 17% higher than a month ago.

Metal-forming type machine tool orders were reported up 12%, year to date, at a value of $366,500,000. Meanwhile, September orders rose 15% to a level of $53,350,000, a 56% gain from September of last year.

Shipments of metal-forming machine tools were off 41% for the first three quarters of the year, at a value of $333,700,000. Although September shipments rose 25% above their August total to a value of $37,600,000, they were off 27% compared to the same period a year ago.

At the end of September, the machine tool industry backlog totaled $1,059,050,000.

# # # # #

COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS
(Thousands of Dollars)

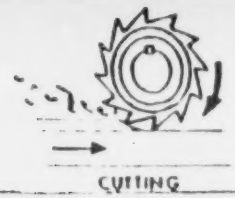
	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
Sept. 1983	98,750	3,900	102,650	49,550	3,800	53,350	148,300	7,700	156,000
Aug. 1983	82,650	8,350	91,000	42,000	4,250	46,250	124,650	12,600	137,250
% Change									
Sept.1983:Aug. 1983	+19.5	-53.3	+12.8	+18.0	-10.6	+15.4	+19.0	-38.9	+13.7
Sept. 1982	47,200	5,400	52,600	30,200	4,100	34,300	77,400	9,500	86,900
% Change									
Sept.1983:Sept.1982	+109.2	-27.8	+95.2	+64.1	-7.3	+55.5	+91.6	-18.9	+79.5
Year To Date 1983	762,200	53,600	815,800	329,650	36,850	366,500	1,091,850	90,450	1,182,300
Year To Date 1982	698,850	144,200	843,050	273,800	52,550	326,350	972,650	196,750	1,169,400
% Change									
1983 : 1982	+9.1	-62.8	-3.2	+20.4	-29.9	+12.3	+12.3	-54.0	+1.1

SHIPMENTS -- MACHINE TOOLS
(Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
Sept. 1983	88,200	8,600	96,800	33,150	4,450	37,600	121,350	13,050	134,400
Aug. 1983	72,750	10,100	82,850	28,900	1,250	30,150	101,650	11,350	113,000
% Change									
Sept.1983:Aug. 1983	+21.2	-14.9	+16.8	+14.7	+256.0	+24.7	+19.4	+15.0	+18.9
Sept. 1982	192,650	31,750	224,400	45,950	5,500	51,450	238,600	37,250	275,850
% Change									
Sept.1983:Sept.1982	-54.2	-72.9	-56.9	-27.9	-19.1	-26.9	-49.1	-65.0	-51.3
Year To Date 1983	860,850	122,300	983,150	298,150	35,550	333,700	1,159,000	157,850	1,316,850
Year To Date 1982	2,147,300	236,850	2,384,150	482,300	79,600	561,900	2,629,600	316,450	2,946,050
% Change									
1983 : 1982	-59.9	-48.4	-58.8	-38.2	-55.3	-40.6	-55.9	-50.1	-55.3

Source: National Machine Tool Builders' Association

Form No. PRCC-2



TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog

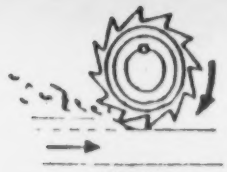
DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1983							
Jan.	$ 80,300,000	$ 11,550,000	$ 91,850,000	1,132.60	$ 131,450,000	$ 21,400,000	$ 152,850,000
Feb.	$ 88,250,000	$ 9,250,000	$ 97,500,000	1,071.75	$ 143,250,000	$ 15,100,000	$ 158,350,000
Mar.	$ 117,000,000	$ 8,500,000	$ 125,500,000	1,021.00	$ 156,100,000	$ 20,150,000	$ 176,250,000
Apr.	$ 111,050,000	$ 7,500,000	$ 118,550,000	988.75	$ 135,550,000	$ 15,250,000	$ 150,800,000
May	$ 126,100,000	$ 9,200,000	$ 135,300,000	988.20	$ 123,650,000	$ 12,200,000	$ 135,850,000
June	$ 129,550,000	$ 15,700,000	$ 145,250,000	950.45	$ 152,150,000	$ 30,850,000	$ 183,000,000
July	$ 166,650,000	$ 8,450,000	$ 175,100,000	1,013.20	$ 93,850,000	$ 18,500,000	$ 112,350,000
Aug.	$ 124,650,000	$ 12,600,000	$ 137,250,000	1,037.45	$ 101,650,000	$ 11,350,000	$ 113,000,000
Sept. (p)	$ 148,300,000	$ 7,700,000	$ 156,000,000	1,059.05	$ 121,350,000	$ 13,050,000	$ 134,400,000
9 Mos.	$1,091,850,000	$ 90,450,000	$1,182,300,000		$1,159,000,000	$ 157,850,000	$1,316,850,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1983						
Jan.	$ 93,450,000	$ 12,500,000	$ 105,950,000	$ 13,150,000	$ 950,000	$ 14,100,000
Feb.	$ 98,600,000	$ 9,900,000	$ 108,500,000	$ 10,350,000	$ 650,000	$ 11,000,000
Mar.	$ 128,400,000	$ 10,200,000	$ 138,600,000	$ 11,400,000	$ 1,700,000	$ 13,100,000
Apr.	$ 128,250,000	$ 9,250,000	$ 137,500,000	$ 17,200,000	$ 1,750,000	$ 18,950,000
May	$ 133,100,000	$ 10,250,000	$ 143,350,000	$ 7,000,000	$ 1,050,000	$ 8,050,000
June	$ 186,950,000	$ 16,450,000	$ 203,400,000	$ 57,400,000	$ 750,000	$ 58,150,000
July	$ 171,850,000	$ 9,300,000	$ 181,150,000	$ 5,200,000	$ 850,000	$ 6,050,000
Aug.	$ 140,800,000	$ 13,200,000	$ 154,000,000	$ 16,150,000	$ 600,000	$ 16,750,000
Sept. (p)	$ 164,100,000	$ 8,550,000	$ 172,650,000	$ 15,800,000	$ 850,000	$ 16,650,000
9 Mos.	$1,245,500,000	$ 99,600,000	$1,345,100,000	$ 153,650,000	$ 9,150,000	$ 162,800,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS Domestic	NET NEW ORDERS Foreign	NET NEW ORDERS Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	SHIPMENTS Foreign	SHIPMENTS Total
1983							
Jan.	$ 51,350,000	$ 5,700,000	$ 57,050,000	992.65	$ 93,400,000	$ 14,000,000	$ 107,400,000
Feb.	$ 69,550,000	$ 7,850,000	$ 77,400,000	941.25	$ 116,700,000	$ 12,100,000	$ 128,800,000
Mar.	$ 84,950,000	$ 4,700,000	$ 89,650,000	896.50	$ 119,700,000	$ 14,700,000	$ 134,400,000
Apr.	$ 73,650,000	$ 5,600,000	$ 79,250,000	862.80	$ 100,550,000	$ 12,400,000	$ 112,950,000
May	$ 88,200,000	$ 5,400,000	$ 93,600,000	857.60	$ 88,600,000	$ 10,200,000	$ 98,800,000
June	$ 88,450,000	$ 8,000,000	$ 96,450,000	808.30	$ 119,050,000	$ 26,700,000	$ 145,750,000
July	$ 124,650,000	$ 4,100,000	$ 128,750,000	861.65	$ 61,900,000	$ 13,500,000	$ 75,400,000
Aug.	$ 82,650,000	$ 8,350,000	$ 91,000,000	869.80	$ 72,750,000	$ 10,100,000	$ 82,850,000
Sept. (p)	$ 98,750,000	$ 3,900,000	$ 102,650,000	875.65	$ 88,200,000	$ 8,600,000	$ 96,800,000
9 Mos.	$ 762,200,000	$ 53,600,000	$ 815,800,000		$ 860,850,000	$122,300,000	$ 983,150,000

DATE	GROSS NEW ORDERS Domestic	GROSS NEW ORDERS Foreign	GROSS NEW ORDERS Total	CANCELLATIONS Domestic	CANCELLATIONS Foreign	CANCELLATIONS Total
1983						
Jan.	$ 62,750,000	$ 6,050,000	$ 68,800,000	$ 11,400,000	$ 350,000	$ 11,750,000
Feb.	$ 78,300,000	$ 8,450,000	$ 86,750,000	$ 8,750,000	$ 600,000	$ 9,350,000
Mar.	$ 95,900,000	$ 6,350,000	$ 102,250,000	$ 10,950,000	$ 1,650,000	$ 12,600,000
Apr.	$ 88,200,000	$ 7,300,000	$ 95,500,000	$ 14,550,000	$ 1,700,000	$ 16,250,000
May	$ 94,750,000	$ 6,000,000	$ 100,750,000	$ 6,550,000	$ 600,000	$ 7,150,000
June	$ 145,800,000	$ 8,600,000	$ 154,400,000	$ 57,350,000	$ 600,000	$ 57,950,000
July	$ 129,350,000	$ 4,900,000	$ 134,250,000	$ 4,700,000	$ 800,000	$ 5,500,000
Aug.	$ 98,000,000	$ 8,650,000	$ 106,650,000	$ 15,350,000	$ 300,000	$ 15,650,000
Sept. (p)	$ 111,550,000	$ 4,700,000	$ 116,250,000	$ 12,800,000	$ 800,000	$ 13,600,000
9 Mos.	$ 904,600,000	$ 61,000,000	$ 965,600,000	$ 142,400,000	$ 7,400,000	$ 149,800,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1983							
Jan.	$ 28,950,000	$ 5,850,000	$ 34,800,000	139.95	$ 38,050,000	$ 7,400,000	$ 45,450,000
Feb.	$ 18,700,000	$ 1,400,000	$ 20,100,000	130.50	$ 26,550,000	$ 3,000,000	$ 29,550,000
Mar.	$ 32,050,000	$ 3,800,000	$ 35,850,000	124.50	$ 36,400,000	$ 5,450,000	$ 41,850,000
Apr.	$ 37,400,000	$ 1,900,000	$ 39,300,000	125.95	$ 35,000,000	$ 2,850,000	$ 37,850,000
May	$ 37,900,000	$ 3,800,000	$ 41,700,000	130.60	$ 35,050,000	$ 2,000,000	$ 37,050,000
June	$ 41,100,000	$ 7,700,000	$ 48,800,000	142.15	$ 33,100,000	$ 4,150,000	$ 37,250,000
July	$ 42,000,000	$ 4,350,000	$ 46,350,000	151.55	$ 31,950,000	$ 5,000,000	$ 36,950,000
Aug.	$ 42,000,000	$ 4,250,000	$ 46,250,000	167.65	$ 28,900,000	$ 1,250,000	$ 30,150,000
Sept. (p)	$ 49,550,000	$ 3,800,000	$ 53,350,000	183.40	$ 33,150,000	$ 4,450,000	$ 37,600,000
9 Mos.	$ 329,650,000	$ 36,850,000	$ 366,500,000		$ 298,150,000	$ 35,550,000	$ 333,700,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1983						
Jan.	$ 30,700,000	$ 6,450,000	$ 37,150,000	$ 1,750,000	$ 600,000	$ 2,350,000
Feb.	$ 20,300,000	$ 1,450,000	$ 21,750,000	$ 1,600,000	$ 50,000	$ 1,650,000
Mar.	$ 32,500,000	$ 3,850,000	$ 36,350,000	$ 450,000	$ 50,000	$ 500,000
Apr.	$ 40,050,000	$ 1,950,000	$ 42,000,000	$ 2,650,000	$ 50,000	$ 2,700,000
May	$ 38,350,000	$ 4,250,000	$ 42,600,000	$ 450,000	$ 450,000	$ 900,000
June	$ 41,150,000	$ 7,850,000	$ 49,000,000	$ 50,000	$ 150,000	$ 200,000
July	$ 42,500,000	$ 4,400,000	$ 46,900,000	$ 500,000	$ 50,000	$ 550,000
Aug.	$ 42,800,000	$ 4,550,000	$ 47,350,000	$ 800,000	$ 300,000	$ 1,100,000
Sept. (p)	$ 52,550,000	$ 3,850,000	$ 56,400,000	$ 3,000,000	$ 50,000	$ 3,050,000
9 Mos.	$ 340,900,000	$ 38,600,000	$ 379,500,000	$ 11,250,000	$ 1,750,000	$ 13,000,000

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N.M.T.B.A. F - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

QUARTERLY AND YEARLY SHIPMENTS AND NET NEW ORDERS OF MACHINE TOOLS
(DOLLAR FIGURES IN THOUSANDS)
1978 TO DATE

	CUTTING AND FORMING			CUTTING			FORMING		
	SHIPMENTS		NET	SHIPMENTS		NET	SHIPMENTS		NET
DATE	Total	Foreign	NEW ORDERS	Total	Foreign	NEW ORDERS	Total	Foreign	NEW ORDERS
1978-1	$ 683,200	$ 62,300	$ 940,050	$ 503,850	$ 44,200	$ 723,850	$ 179,350	$ 18,100	$ 216,200
2	791,600	79,050	1,129,950	584,200	57,250	886,550	207,400	21,800	243,400
3	687,550	77,750	1,027,650	498,050	59,200	776,950	189,500	18,550	250,700
4	851,100	105,750	1,250,850	602,400	67,750	988,100	248,700	38,000	262,750
Total	$3,013,450	$324,850	$4,348,500	$2,188,500	$228,400	$3,375,450	$ 824,950	$ 96,450	$ 973,050
1979-1	$ 858,050	$ 88,300	$1,471,400	$ 633,450	$ 69,000	$1,158 250	$ 224,600	$ 19,300	$ 313,150
2	978,200	109,150	1,356,450	735,750	87,650	1,083,550	242,450	21,500	272,900
3	899,850	97,050	1,353,200	689,850	78,500	1,120,500	210,000	18,550	232,700
4	1,140,450	116,750	1,440,400	871,000	89,400	1,132,800	269,450	27,350	307,600
Total	$3,876,550	$411,250	$5,621,450	$2,930,050	$324,550	$4,495,100	$ 946,500	$ 86,700	$1,126,350
1980-1	$1,146,150	$115,700	$1,517,450	$ 881,400	$ 86,750	$1,207,800	$ 264,750	$ 28,950	$ 309,650
2	1,193,300	155,550	1,335,350	925,350	122,850	1,142,100	267,950	32,700	193,250
3	1,049,050	133,850	917,500	830,450	102,650	728,300	218,600	31,200	189,200
4	1,303,250	202,400	984,000	1,043,600	162,550	806,550	259,650	39,850	177,450
Total	$4,691,750	$607,500	$4,754,300	$3,680,800	$474,800	$3,884,750	$1,010,950	$ 132,700	$ 869,550
1981-1	$1,288,200	$210,800	$ 920,350	$1,017,850	$155,600	$ 706,600	$ 270,350	$ 55,200	$ 213,750
2	1,367,500	236,350	867,000	1,103,400	185,450	661,200	264,100	50,900	205,800
3	1,133,950	127,950	593,450	920,300	99,950	455,250	213,650	28,000	138,200
4	1,305,950	143,850	564,050	1,062,950	111,050	405,050	243,000	32,800	159,000
Total	$5,095,600	$718,950	$2,944,850	$4,104,500	$552,050	$2,228,100	$ 991,100	$ 166,900	$ 716,750
1982-1	$1,154,200	$112,650	$ 506,800	$ 933,050	$ 71,750	$ 384,850	$ 221,150	$ 40,900	$ 121,950
2	1,008,450	96,600	382,650	810,650	75,350	274,750	197,800	21,250	107,900
3	783,400	107,200	279,950	640,450	89,750	183,450	142,950	17,450	96,500
4	658,350	89,600	328,350	510,600	59,300	221,400	147,750	30,300	106,950
Total	$3,604,400	$406,050	$1,497,750	$2,894,750	$296,150	$1,064,450	$ 709,650	$ 109,900	$ 433,300
1983-1	$ 487,450	$ 56,650	$ 314,850	$ 370,600	$ 40,800	$ 224,100	$ 116,850	$ 15,850	$ 90,750
2	469,650	58,300	399,100	357,500	49,300	269,300	112,150	9,000	129,800
3P	359,750	42,900	468,350	255,050	32,200	322,400	104,700	10,700	145,950

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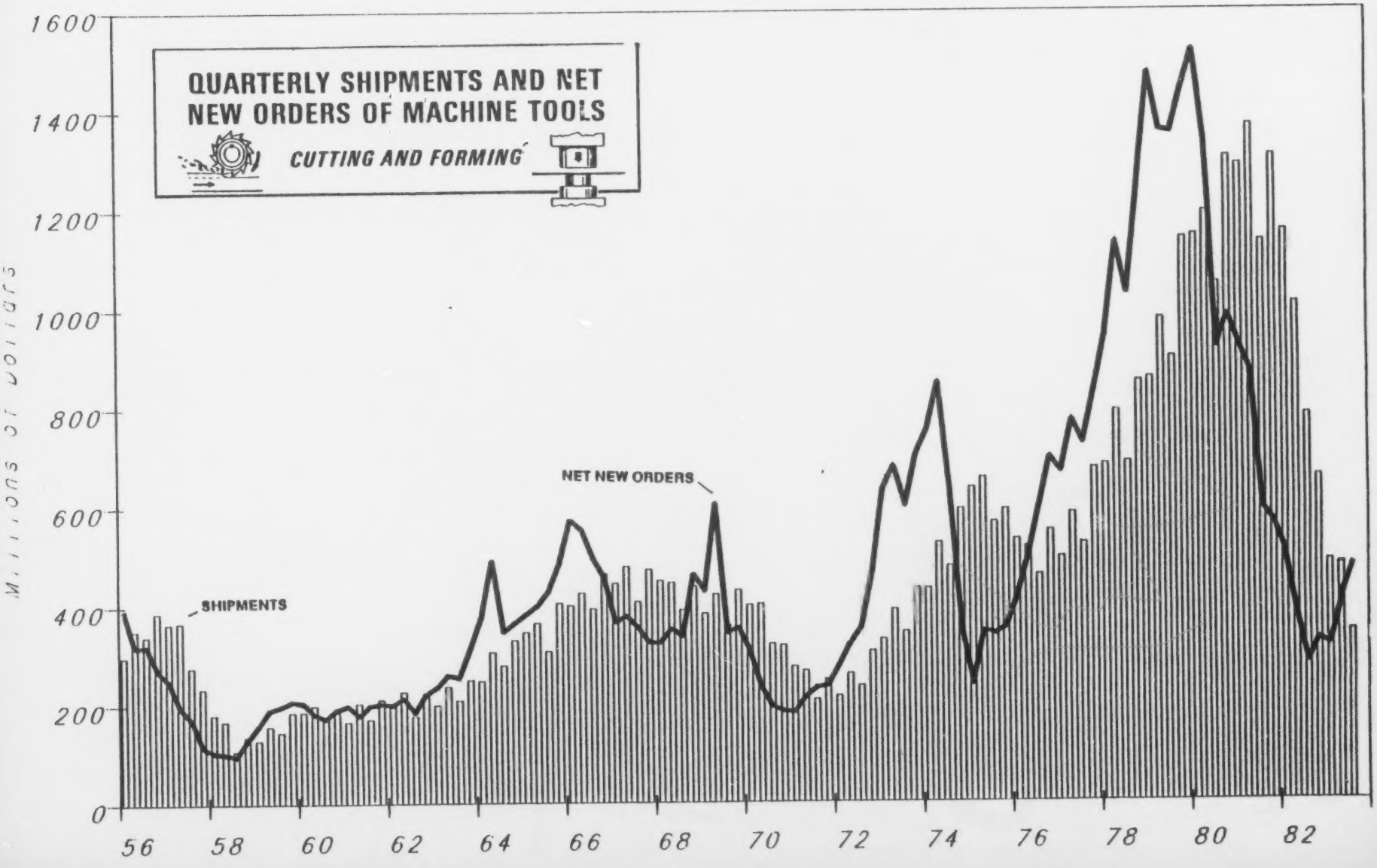
NOTE: These data series are available back to 1956. To obtain a copy of the tables for 1956 through 1982, contact: NMTBA Statistical Department, 7901 Westpark Drive, McLean, Virginia 22102. Phone: 703:893-2900

Source: National Machine Tool Builders' Association

October 31, 1983

Total Machine Tool
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956:1 to 1983:3



Metal Cutting Machine Tool Shipments (Bar) and Net New Orders (Line) Quarterly, 1956:1 to 1983:3

Metal Forming Machine Tool
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956:1 to 1983:3